



The State of New Hampshire
Department of Environmental Services

Thomas S. Burack, Commissioner

*Celebrating 25 Years of Protecting
New Hampshire's Environment*



December 12, 2012

Re: Important Dates - Federal Requirements for Prime Power Engine Owners/Operators

To Whom It May Concern:

Reciprocating Internal Combustion Engines (RICE) are regulated under the Code of Federal Regulations (CFR), 40 CFR Part 63, Subpart ZZZZ, *National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines* (Subpart ZZZZ). The purpose of this letter is to inform you of some important upcoming dates regarding Subpart ZZZZ, which applies to owners/operators of prime power (i.e. non-emergency) compression ignition engines located at minor or "area" sources of air emissions. These regulations apply to compression ignition engines of all sizes/ratings, and for both existing and new devices. According to our records, you currently own and/or operate prime power engines that are subject to the Subpart ZZZZ requirements.

The compliance date for Subpart ZZZZ for your facility is **May 3, 2013**. As the owner/operator of an existing compression ignition prime power engine subject to Subpart ZZZZ, the following options are available to comply with these requirements:

1. Engines rated above 300 brake horsepower (bhp) must retrofit an existing engine with a pollution control device capable of meeting the emission standards in Subpart ZZZZ. The retrofit option also requires the engine owner/operator to conduct compliance emissions testing, and also meet operating, monitoring, recordkeeping and reporting requirements. Owners selecting the retrofit option for diesel engines should be aware that a pre-test notice and a draft protocol for the compliance emission testing are due to DES (with copy to EPA) no later than 60 days prior to the testing.

Please also note that a significant amendment to your current air permit is required prior to the installation of the pollution control device. If you have not yet filed for a significant amendment to your air permit and have concerns about meeting the Subpart ZZZZ compliance deadline, please contact one of the DES staff listed at the end of this letter as soon as possible.

2. In lieu of retrofitting engines rated above 300 bhp, an owner or operator may instead purchase a new engine meeting the federal New Source Performance Standards (NSPS) for compression ignition (CI, or diesel) engines under 40 CFR Part 60 Subpart IIII and 40 CFR Part 60 Subpart JJJJ for spark ignition (SI, or gas) engines.
3. Remove prime power engines and connect to the electric grid. Some facilities have chosen to retain these units and permit them as emergency engines. Please note that while emergency engines are not required to install add-on pollution control equipment to comply with Subpart ZZZZ, they are still subject to the operating and maintenance requirements of this rule. If you wish to retain your existing engine for emergency operation only, you may amend your current permit or alternatively, cancel your current permit and register your engine under the General State Permit for Emergency Generators. Please contact DES if you have any questions regarding these procedures.

www.des.nh.gov


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If your facility is currently in the process of upgrading engines, and is having difficulty meeting the May 3, 2013 compliance deadline, an extension can be requested per 40 CFR 63 Subpart A (§63.6(i)). Requests for an extension of compliance with Subpart ZZZZ for compression ignition engines must be received by DES no later than 120 days prior to the May 3, 2013 compliance date, which is **January 3, 2013**. As the January 3rd deadline is quickly approaching, DES requests that you contact us as soon as possible to discuss the extension.

The United States Environmental Protection Agency, Region 1 office has a website to assist engine owner/operators in meeting the RICE regulations at <http://www.epa.gov/region1/rice/index.html>. DES also has a list of stack testing companies and consultants at http://des.nh.gov/organization/divisions/air/cb/cmdps/tms/documents/stack_testing_list.pdf

If you have any questions about the federal RICE regulations, please contact John McCutcheon at (603) 271-0886 or John.McCutcheon@des.nh.gov or Sarita Croce at (603) 271-6893 or Sarita.Croce@des.nh.gov.

Sincerely,



Gary D. Milbury, Jr.
Air Permit Programs Manager
Permitting and Environmental Health Bureau